

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,102,366 B2
APPLICATION NO. : 10/783677
DATED : September 5, 2006
INVENTOR(S) : Dennis Joseph Denen et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

"IN THE DRAWINGS:"

Sheet 15 (Fig 10A)

Times should be in micro seconds (mu not u)

Capacitor 208 should be 100 pico Farad (pF not pK)

Sheet 16 (Fig 10B)

Capacitor 260 should be 0.1 micro Farad (mu not u)

Reference 254 should be deleted from op amp 242

Sheet 17 (Fig 10C)

The text above resistor 270 should read -- R1 AND C1 HAVE A CORNER
FREQUENCY OF 20Hz -- (20 Hz not 200 Hz)

Unconnected terminals X, 4 and 8 of XU1B should be deleted

Capacitor 272 should be 0.1 micro Farad (mu not u)

Sheet 18 (Fig 10D)

Unconnected terminals X, 4 and 8 of XU2B should be deleted

Capacitor 284 should be 1.0 micro Farad (mu not u)

Capacitor 286 should be 0.01 micro Farad (mu not u)

Under the heading "DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS":

In Column 14, line 5, after the word "exponential", add the word -- waveform --.

In Column 14, line 10, add a parenthesis after the words "32 μ s" to read as follows: -- 32 μ s), --

In Column 16, line 43, at the end of the expression "[499+483]}" please remove the curly bracket } and replace with the following round bracket to read: -- [499+483]) --

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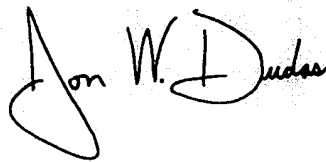
Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 16, line 44, at the end of the expression "[499+499]}." please remove the curly bracket } and replace with the following round bracket to read:
-- [499+499]). --

Signed and Sealed this

Twenty-sixth Day of December, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office